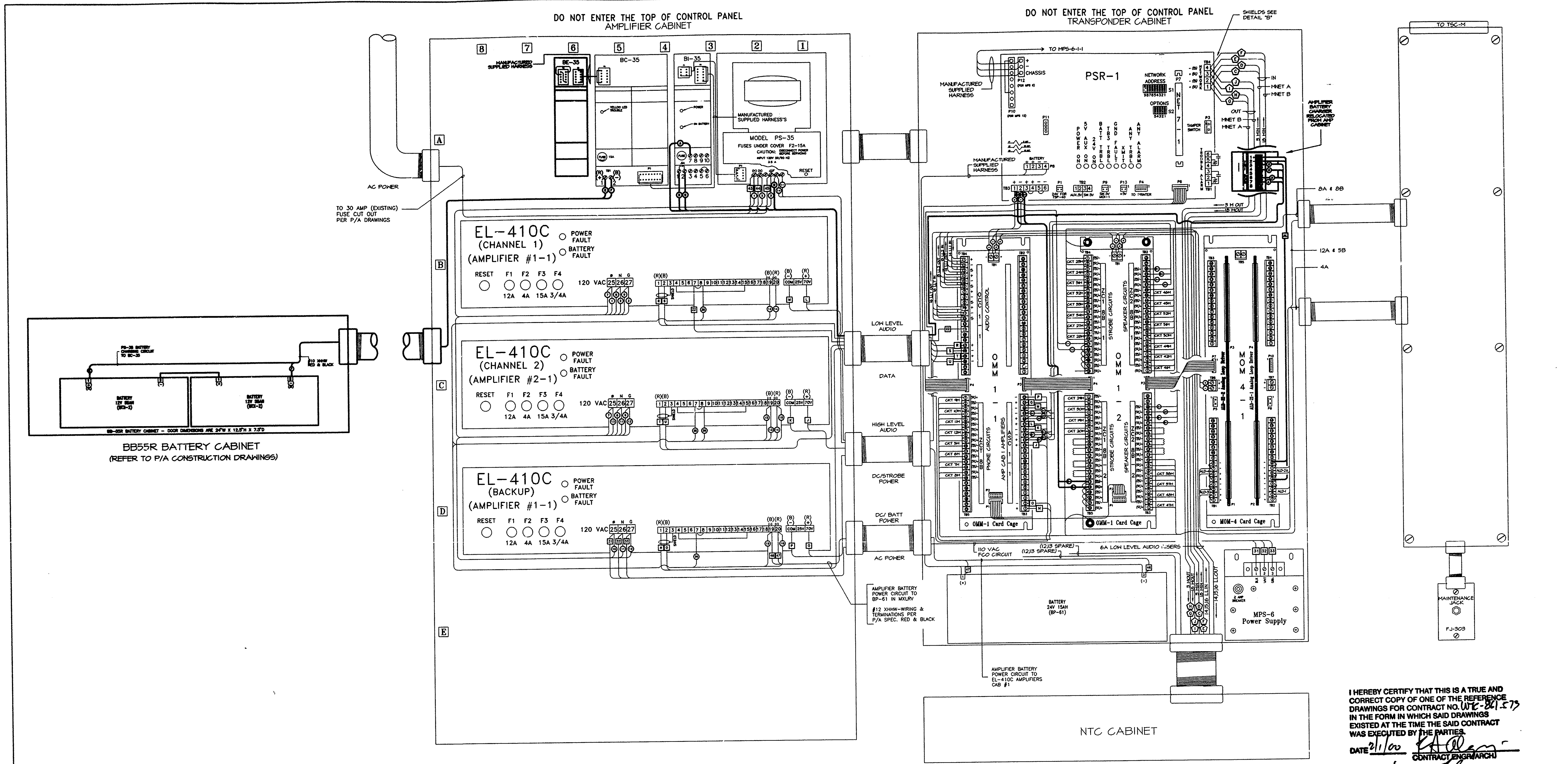
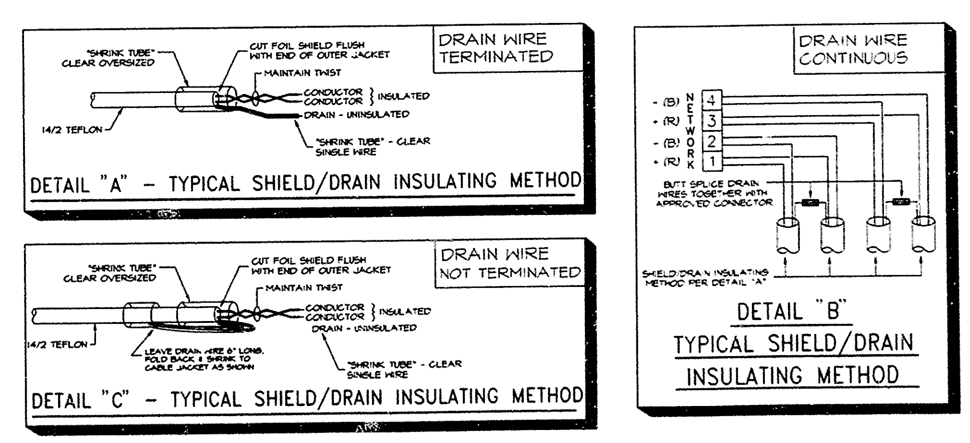


I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE REFERENCE DRAWINGS FOR CONTRACT NO. WTC-861.573 IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE 2/1/00 ____ CONTRACT ENGR/ARCH.

DATE 02/18/00 ____ ENGINEERING PROGRAM MGR.



LEGEND

XNET-A	X-NETWORK "A" CIRCUITS
XNET-B	X-NETWORK "B" CIRCUITS
MNET-A	M-NETWORK "A" CIRCUIT
MNET-B	M-NETWORK "B" CIRCUIT
LL1	LOW LEVEL CHANNEL 1 RISER (PAGE/ALERT)
LL2	LOW LEVEL CHANNEL 2 RISER (EVAC)
LLT	LOW LEVEL TELEPHONE RISER (TEL)
HL1	HIGH LEVEL CHANNEL 1
HL2	HIGH LEVEL CHANNEL 2
ALD	ANALOG LOOP DRIVER (L-#)
CSM	CONVENTIONAL SIGNAL MODULE (S-#)
(dark solid line)	DARK SOLID LINE(S) INDICATE WORK TO BE DONE.
(light solid line)	LIGHT SOLID LINE(S) INDICATE EXISTING TO REMAIN.
(dark center line)	DARK CENTER LINE(S) INDICATE EXISTING WIRING RELOCATED.

WIRING

1. ALL AC POWER WIRING SHALL BE #10 AWG XHHW-2 (WHITE & BLACK).
2. AMPLIFIER BATTERY WIRING SHALL BE #10 AWG XHHW-2 (RED & BLACK).
3. HIGH LEVEL AUDIO, SPEAKER, CONTROL & SOLENOID CIRCUITS SHALL BE #14 AWG UNSHIELDED TEFLON.
4. LOW LEVEL AUDIO, NETWORK, ALD, STROBE, TELEPHONE CIRCUITS SHALL BE #14 AWG SHIELDED TEFLON.
5. ALL WIRING DEVICES, TERMINALS, CONNECTORS, ETC SHALL BE UL LISTED / MEA APPROVED FOR THE TYPE WIRE USED.
6. ALL TERMINAL CONNECTORS FOR #10 AWG SHALL BE APPROVED FOR SOLID WIRE CONNECTION.

NOTES

1) SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH SPECIFICATIONS, APPLICABLE CODES AND THE CONTRACT DOCUMENTS. DISCREPANCIES, CONFLICTS AND OMISSIONS FOUND ON ANY DOCUMENT, DRAWING, SKETCH, ETC. SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER. INSTALLING CONTRACTOR SHALL NOT PROCEED UNTIL CLARIFICATION AND RESOLUTION IS ISSUED IN WRITING BY THE ENGINEER. ALL WORK SHALL BE FULLY INSPECTED AND TESTED BY THE MANUFACTURERS (SIEMENS-CERBERUS DIVISION) CERTIFIED SYSTEM TECHNICIAN IN COORDINATION WITH THE ENGINEER.

2) ALL CONNECTIONS MADE DIRECTLY OR INDIRECTLY TO THE MANUFACTURERS (SIEMENS-CERBERUS DIVISION) EQUIPMENT AND SYSTEMS SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. METHODS OR MATERIALS NOT APPROVED FOR USE WITH THIS EQUIPMENT BY THE MANUFACTURER (SIEMENS-CERBERUS DIVISION) SHALL NOT BE EMPLOYED.

3) CONTRACTOR SHALL PERFORM ALL WORK SHOWN ON SIEMENS-CERBERUS DIVISION DRAWINGS, WHICH INCLUDES INTERNAL WIRING REMOVAL, CHANGES & ADDITIONS AND EXTERNAL WIRING TERMINATIONS AS WELL AS COMPONENT INSTALLATION. ALL WORK SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER.

CHART "A"

- 1- BB55R CABINET
- 1- BTX-2 BATTERY
- 1- ALD-21
- 1- BE-35 MODULE

FILE NAME: G:\NE-PLAZA\JOB'S\FL 3-6\NE-M3-2.dwg plotted on 11/18/1999 by Nelson

THIS DRAWING AND DESIGNS THEREON SHALL NOT BE DUPLICATED, USED OR DISCLOSED TO OTHERS FOR PROCUREMENT OR OTHER PURPOSES, EXCEPT AS OTHERWISE AUTHORIZED BY CONTRACT, WITHOUT EXPRESS WRITTEN CONSENT OF SIEMENS BUILDING TECHNOLOGIES INC. ALL REPRODUCTIONS SHALL BEAR THIS NOTICE.

SIEMENS
Siemens Building Technologies, Inc.
Cerberus Division
DIRECT SALES DIVISION-SPECIAL PROJECTS / WTC
8 FERNWOOD ROAD FLORHAM PARK, NJ 07932
Tel: (800) 834-3843

DRAWINGS PREPARED FOR

FIRE ALARM SYSTEM TRANSPONDER INSTALLATION 5 WORLD TRADE CENTER 3rd FLOOR

DRAWN BY:	N.P.
SCALE:	NONE
DATE:	11/26/99
JOB NO:	861.573
CHECKED BY:	J.D.
SHEET NO:	MXLRV-NE-M3-2
	2 OF 2